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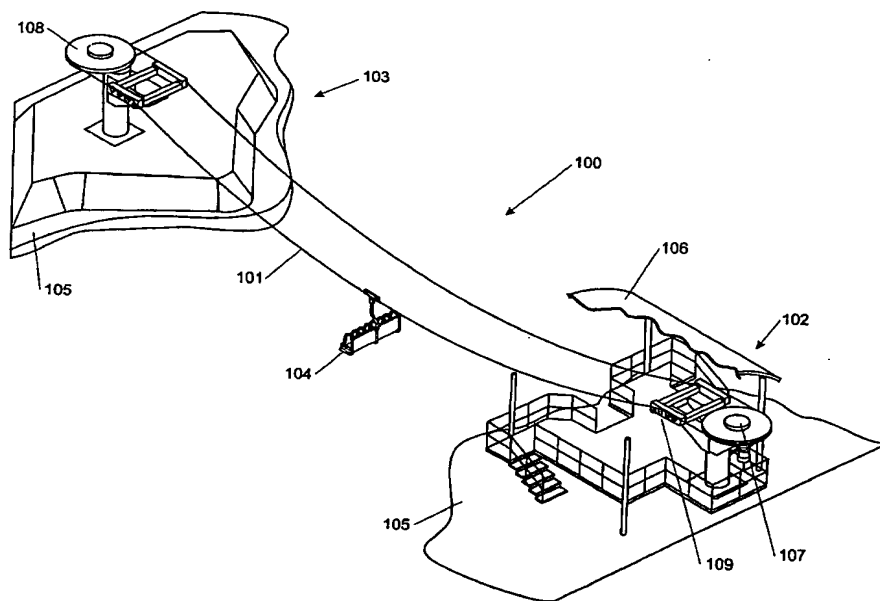
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(54) Title: AMUSEMENT RIDE ASSEMBLY AND METHOD



(57) Abstract: An amusement ride assembly 100 includes a rotatable endless loop cable 101 spanning between end stations 102, 103 and a drive system operable to rotate the loop cable 101. A passenger carrier 104 is suspended from the cable and includes a roller mechanism 300 to enable the passenger carrier to free-roll along the cable 101 and an associated clamping mechanism 400 to alternatively fix the passenger carrier 104 to the cable 101. A control system may control the drive system and to enable actuation of the clamping mechanism 400 to fix the passenger carrier 104 to the cable 101 when the carrier 104 is at a position along the cable remote from the end stations 102, 103.

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A. CLASSIFICATION OF SUBJECT MATTER												
Int. Cl. ⁷ : A63G 7/00, A63G 31/00, B61B 11/00												
According to International Patent Classification (IPC) or to both national classification and IPC												
B. FIELDS SEARCHED												
Minimum documentation searched (classification system followed by classification symbols)												
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched												
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI: IPC A63G 7/-, 31/-; B61B 11/-; B65G & keywords: (amusement, ride, wire, cable, carrier, chair, cabin, suspend, hang, glide, slide, station, tower, post, cable ride, endless, loop) and similar terms.												
C. DOCUMENTS CONSIDERED TO BE RELEVANT												
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.										
X	JP 2001191916 A (ANZEN SAKUDO KK) 17 July 2001 Whole document	1-35										
X	EP 0491632 B1 (POMAGALSKI SA) 7 February 1996 Whole document	1-35										
X	US 5224425 A (REMINGTON) 6 July 1993 Whole document	1-35										
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex												
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed	
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International application No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5515789 A (BROCHAND ET AL) 14 May 1996 Whole document	1-35
X	JP 11226266 A (HARITANI N) 24 August 1999 Whole document	1-35
A	US 4712486 A (TARASSOFF) 15 December 1987 Whole document	1-35
A	US 4926754 A (FEUZ) 22 May 1990 Whole document	1-35
A	CH 598039 A5 (POMAGALSKI SA) 28 April 1978 Whole document	1-35

Information on patent family members

International application No.

PCT/NZ2004/000003

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
JP	2001191916	NONE			
EP	0491632	CA	2057498	FR	2670451
		US	5172640	JP	4287757
US	5224425	NONE			
US	5515789	CA	2129697	FR	2709278
		EP	0640518	JP	7144638
JP	11226266	NONE			
US	4712486	CA	1264044	EP	0210085
		FR	2583363	JP	61291264
US	4926754	AU	29669/89	JP	1229759
				EP	0327882
CH	598039	AT	485277	CA	1060829
		ES	461288	FR	2379413
		US	4149471	DE	2729410
				JP	53098647
END OF ANNEX					